TRADEMARK SOLUTIONS

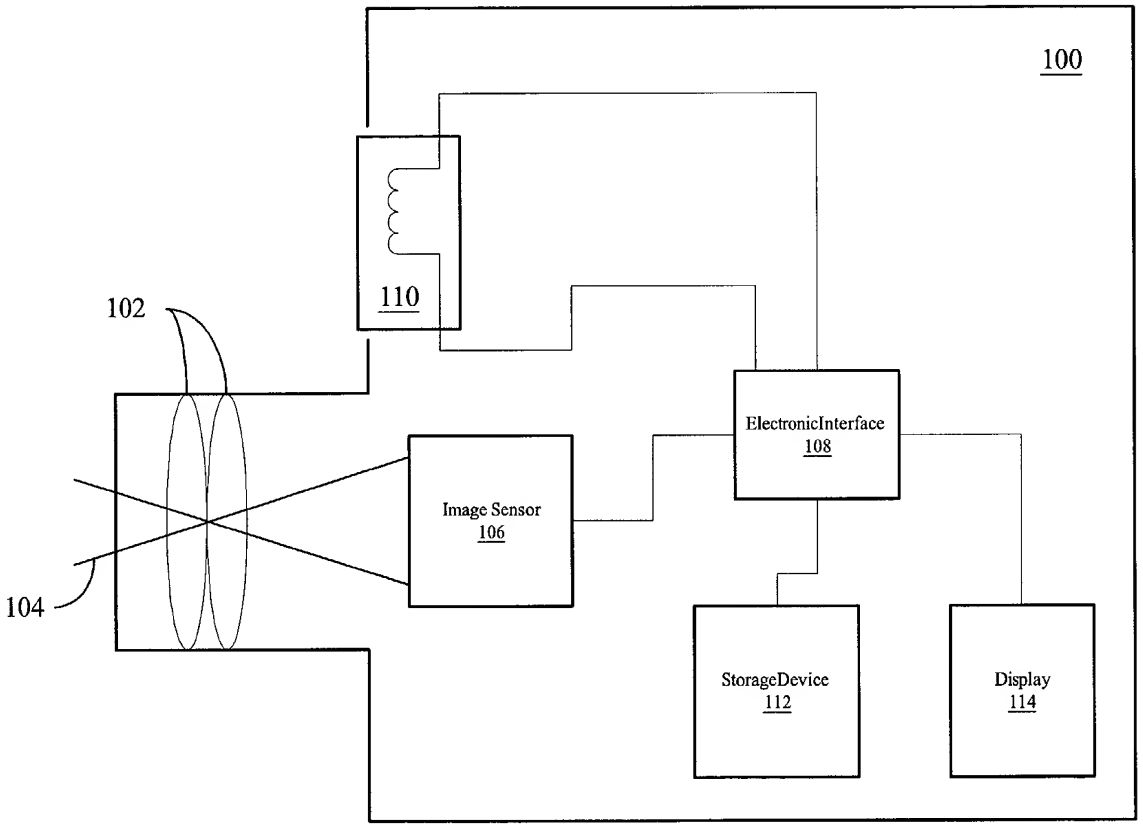


FIG.1

TOSHIBA 8509196D

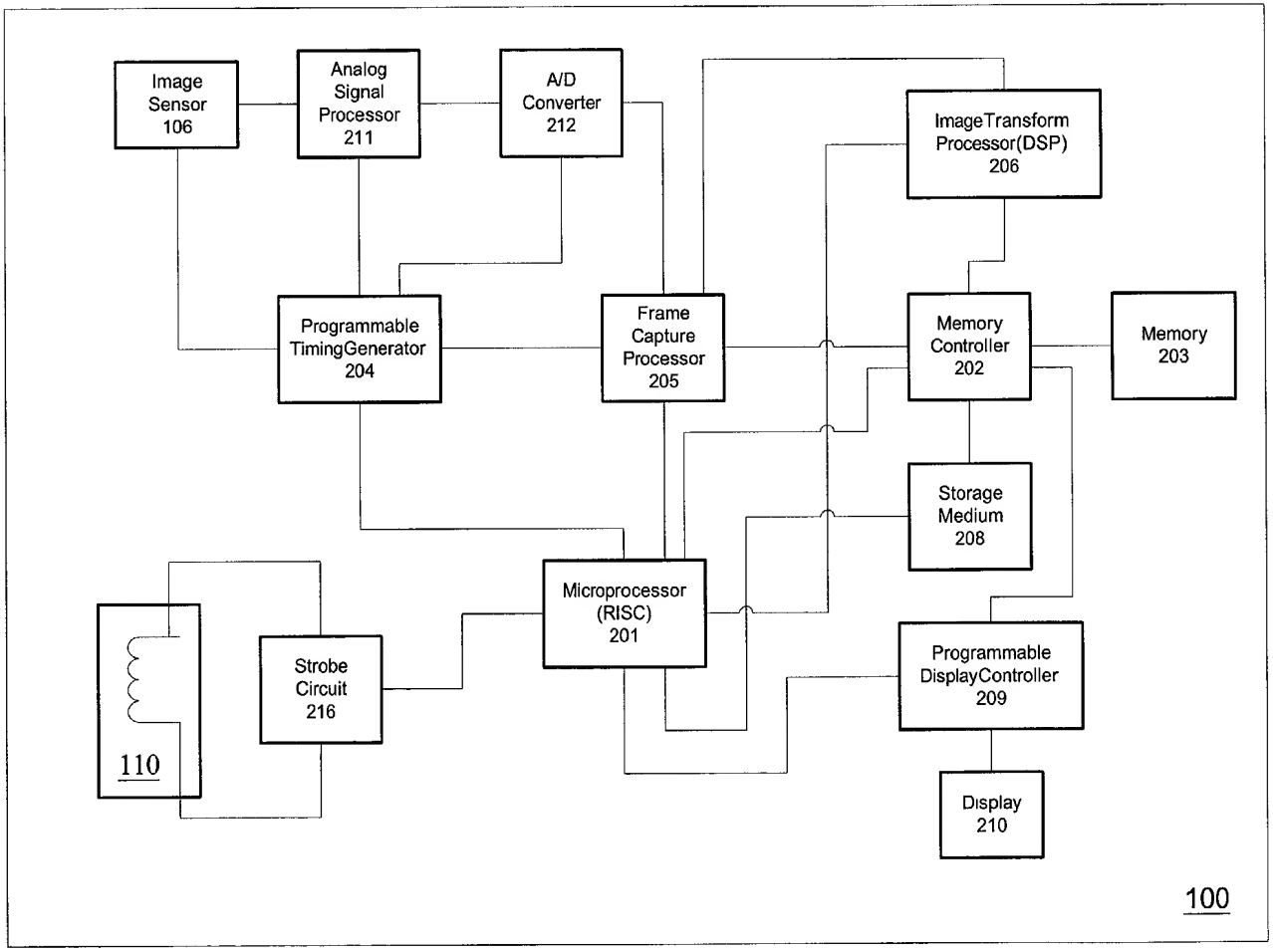


FIG.2

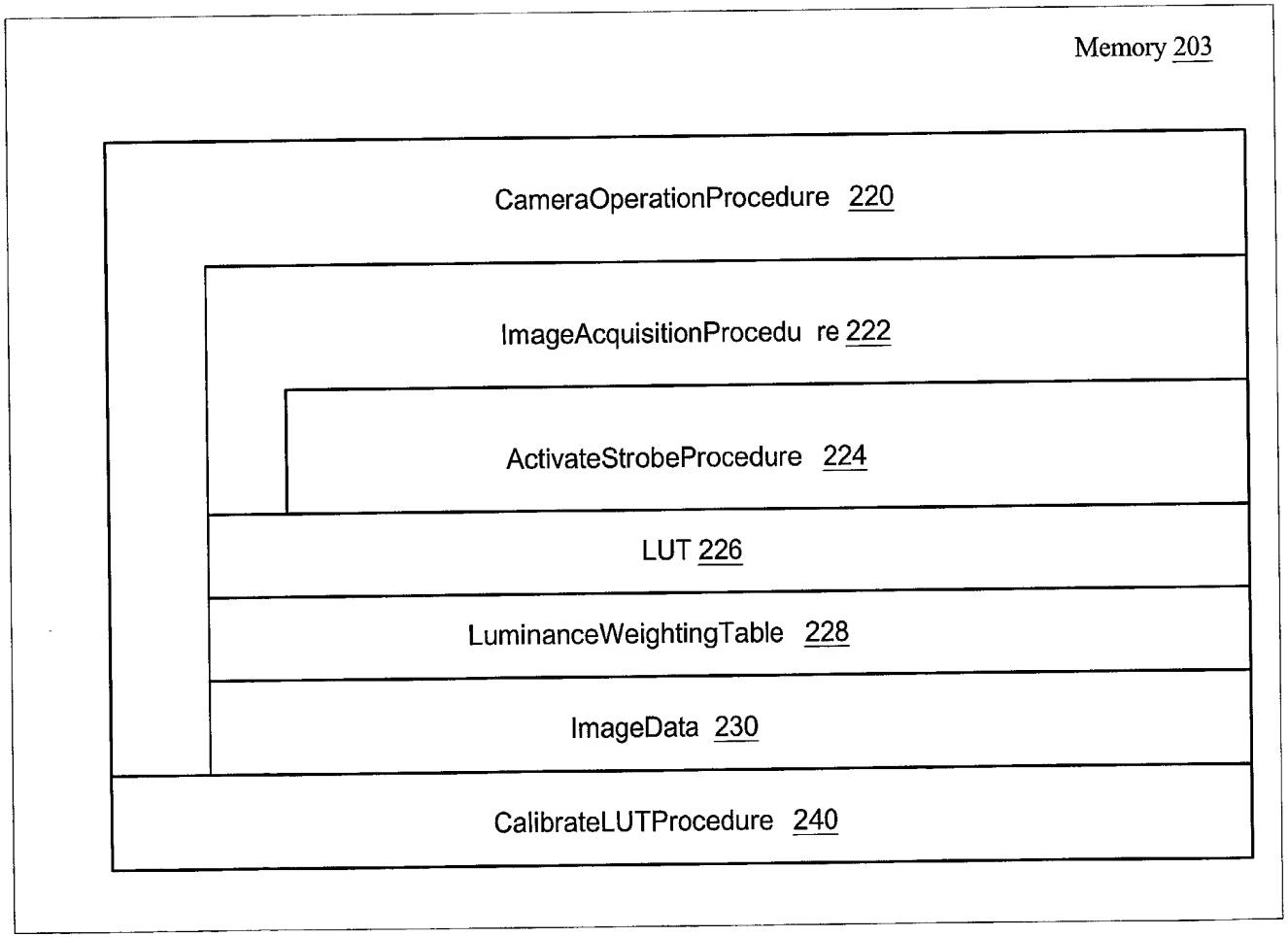

Memory 203
CameraOperationProcedure 220
ImageAcquisitionProcedu re 222
ActivateStrobeProcedure 224
LUT 226
LuminanceWeightingTable 228
ImageData 230
CalibrateLUTProcedure 240

FIG.3

T03360 "9C09T960

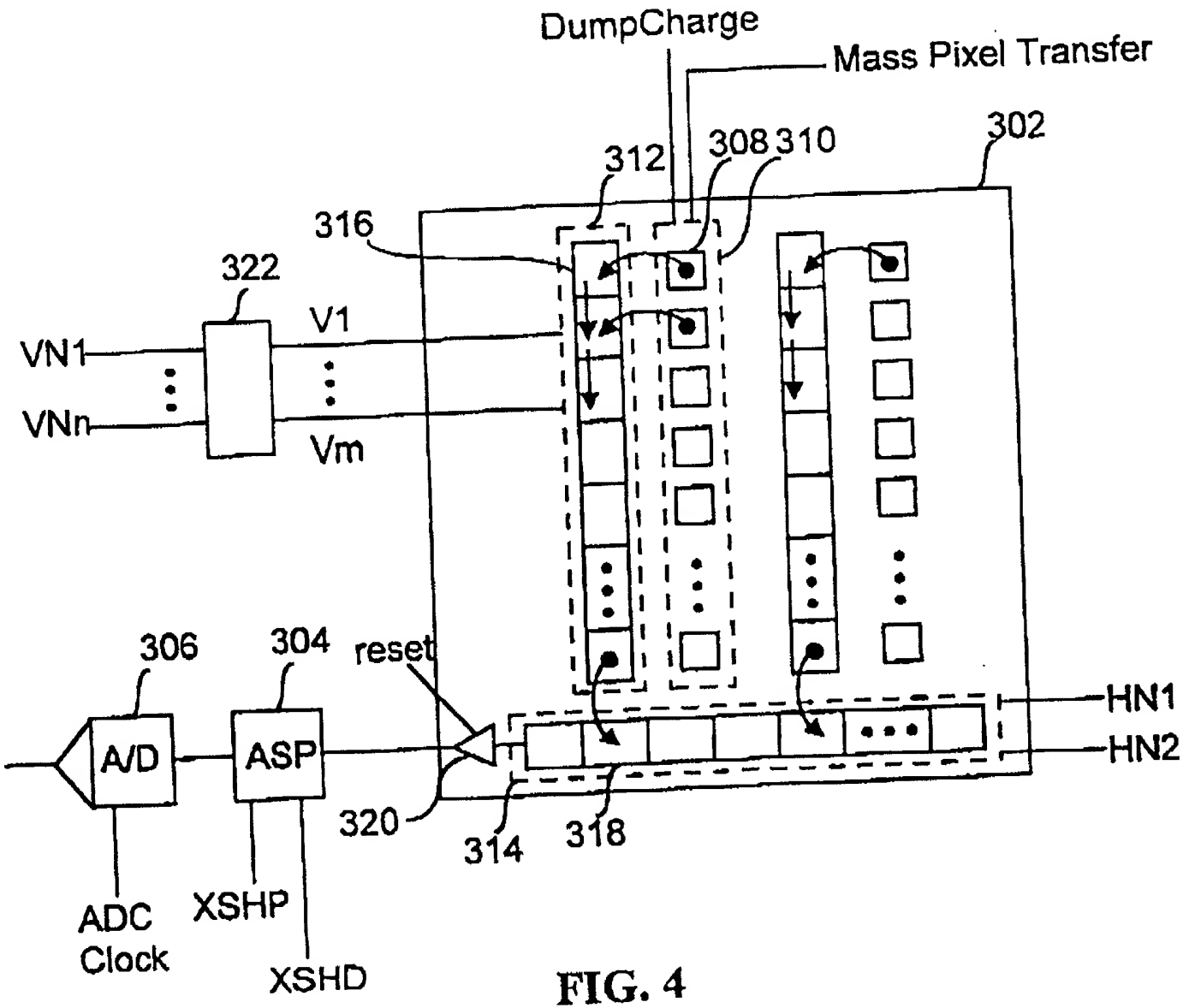


FIG. 4

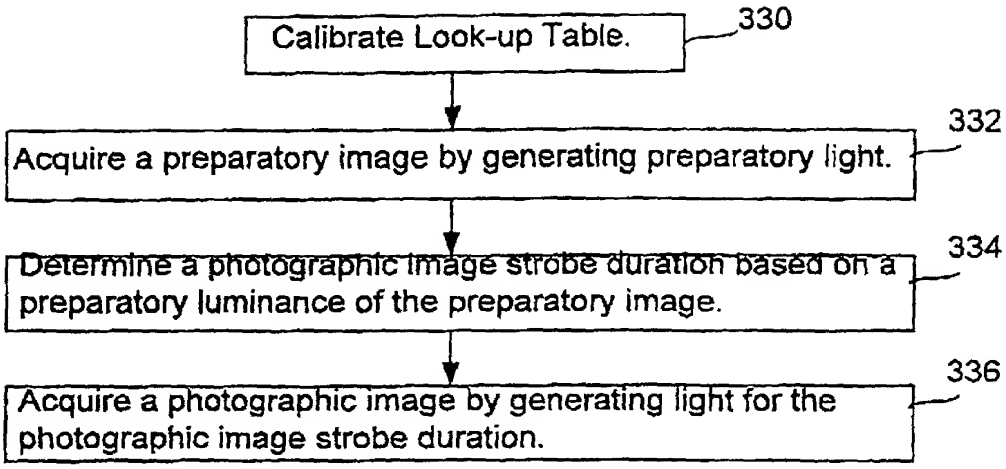


FIG. 5

226

50 us	1000
25 us	349
50 us	981
75 us	1453
100 us	2075
400 us	4217
800 us	5387

342 344

Look-up Table

FIG. 6

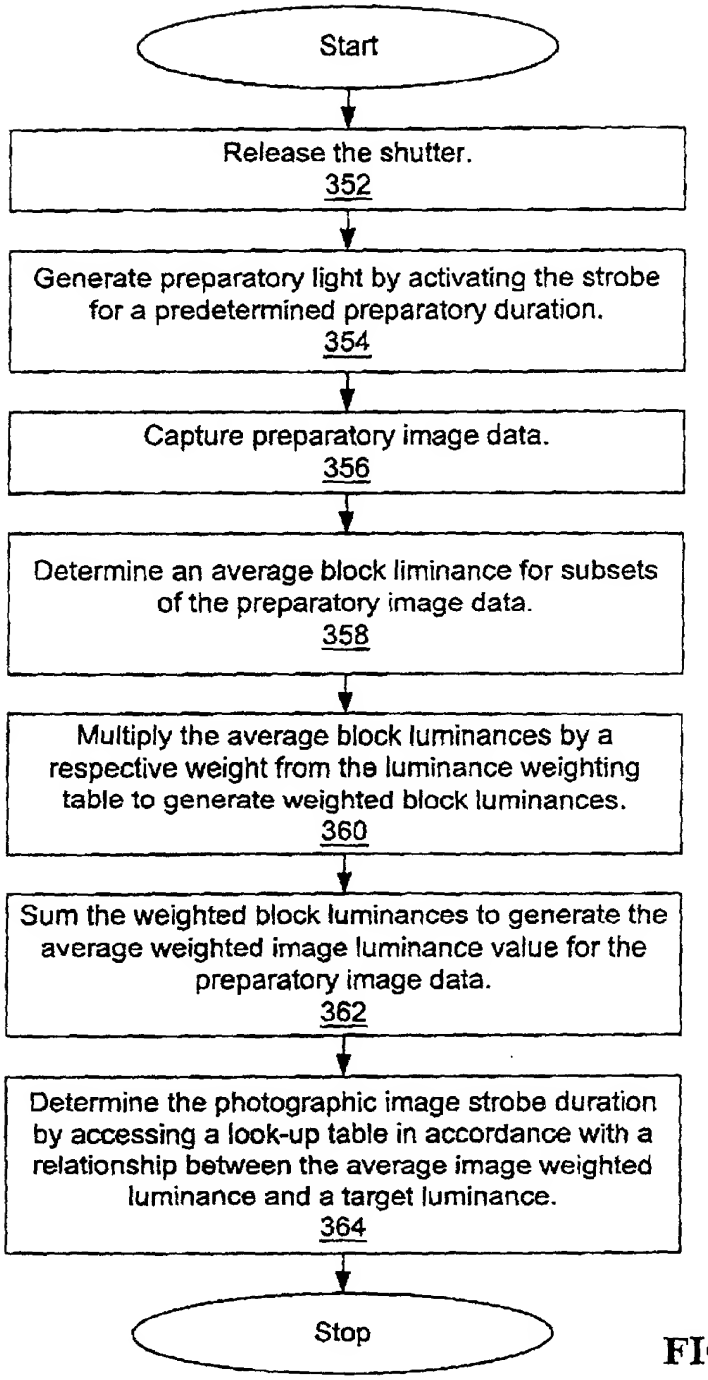
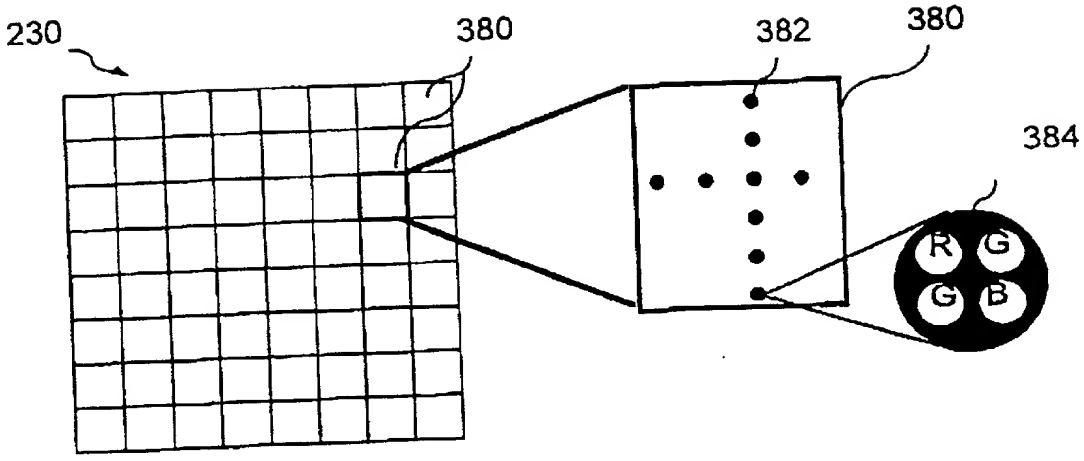
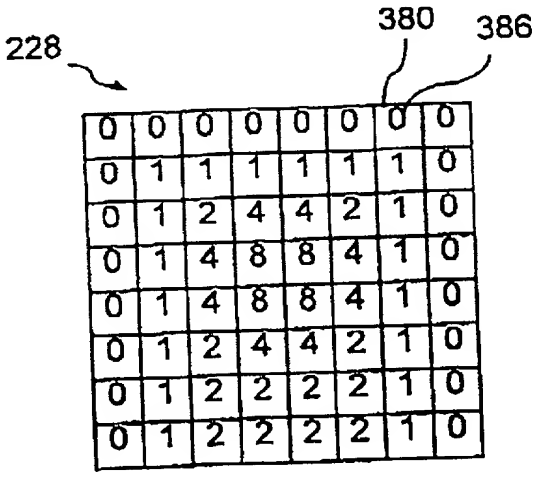

Start
Release the shutter.
352
Generate preparatory light by activating the strobe for a predetermined preparatory duration.
354
Capture preparatory image data.
356
Determine an average block liminance for subsets of the preparatory image data.
358
Multiply the average block luminances by a respective weight from the luminance weighting table to generate weighted block luminances.
360
Sum the weighted block luminances to generate the average weighted image luminance value for the preparatory image data.
362
Determine the photographic image strobe duration by accessing a look-up table in accordance with a relationship between the average image weighted luminance and a target luminance.
364
Stop

FIG. 7



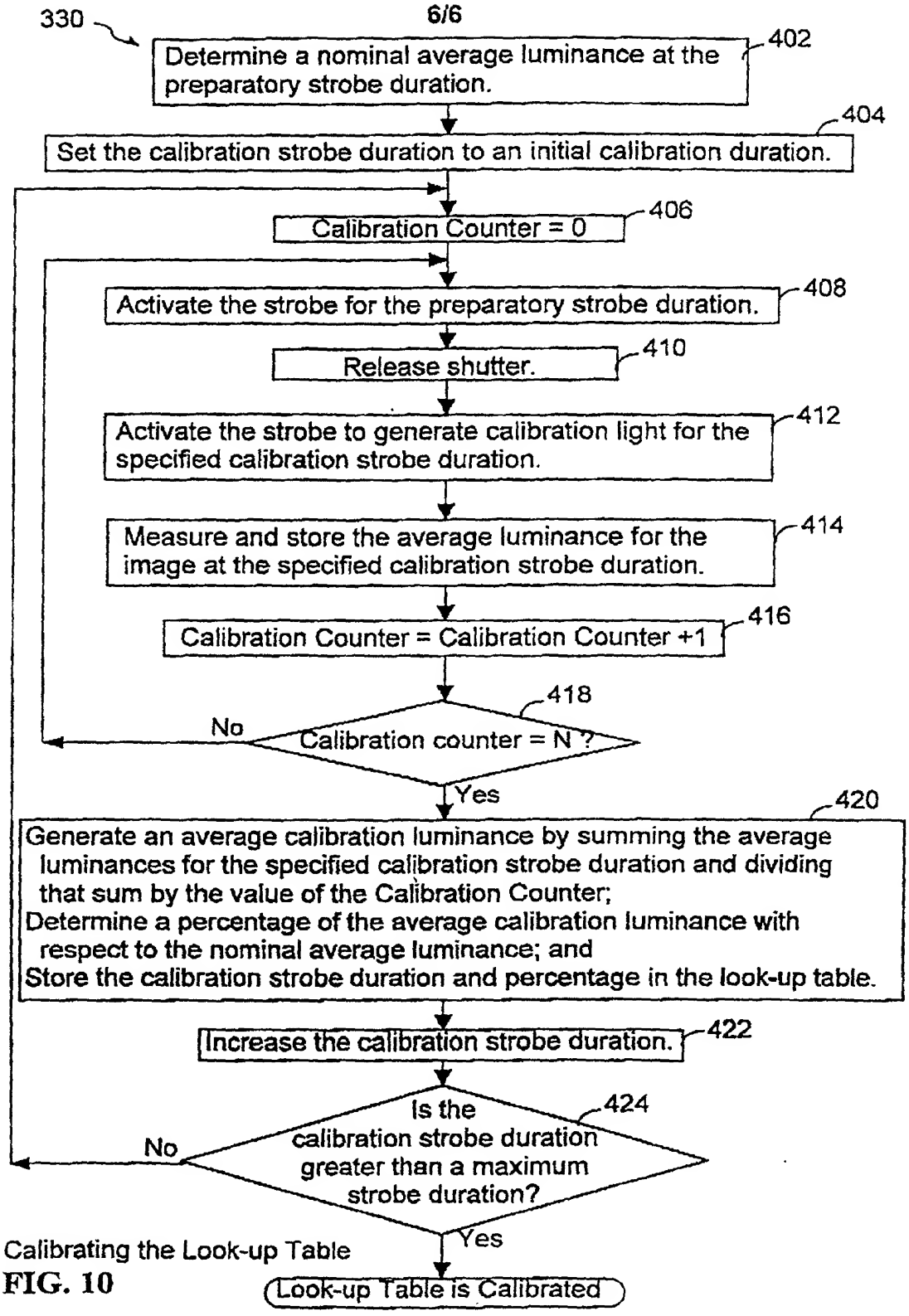
Blocks of Image Data

FIG. 8



Luminance Weighting Table

FIG. 9



Calibrating the Look-up Table

FIG. 10

Patent Application Publication